

Amendments to the claims:

The claims in this listing will replace all prior claims in the application.

Listing of Claims:

1-11. (Cancelled)

12. (Currently Amended) A method for compiling assistance data for transmission to a mobile terminal of a wireless communications network, said terminal having an associated satellite positioning system receiver, said method including;

determining which satellites of a satellite positioning system constellation are potentially visible to the mobile terminal;

determining on the basis of at least one predetermined criterion the likelihood that each of the potentially visible satellites will actually be used by the mobile terminal when determining its position;

selecting a plurality of satellites from the potentially visible satellites having the greatest likelihood that the mobile terminal will use that satellite when determining its position; and

compiling assistance data to be transmitted to the mobile terminal for the selected satellites; ~~The method of claim 1,~~ wherein the likelihood that each of the potentially visible satellites will be used by the mobile terminal when determining its position is determined based, at least in part, on historical data relating to the probability of a mobile terminal achieving a successful location determination when in the geographical area of the mobile terminal.

13. (Original) The method of claim 12 in which selecting the plurality of satellites for which assistance data is compiled from the potentially visible satellites, includes

determining a likelihood that the mobile terminal will successfully determine its location using its associated satellite positioning system receiver, and

determining the number of satellites for which assistance data should be transmitted to the mobile terminal based at least in part on the determined likelihood of successful location determination.

14. (Original) The method of claim 13 in which the determined number of satellites includes less than the number of potentially visible satellites.

15-53. (Cancelled)

54. (Currently Amended) A computer readable medium storing thereon a computer program, said program being configured in use to control the operation of a processor to compile assistance data for transmission to a mobile terminal of a wireless communications network, having an associated satellite positioning system receiver, by performing the steps of:

determining which satellites of a satellite positioning system constellation are potentially visible to the mobile terminal;

determining on the basis of at least one predetermined criterion the likelihood that each of the potentially visible satellites will actually be used by the mobile terminal when determining its position;

selecting a plurality of satellites from the potentially visible satellites having the greatest likelihood that the mobile terminal will use that satellite when determining its position; and

compiling assistance data to be transmitted to the mobile terminal for the selected satellites

wherein in use the computer program causes the processor to determine an approximate position of the mobile terminal The computer readable medium of claim 49

wherein in use the computer program causes the processor to determine the likelihood that each of the potentially visible satellites will be used by the mobile terminal when determining its position based, at least in part, on historical data relating to the probability of a mobile terminal achieving a successful location determination when in the geographical area of the mobile terminal.

55-61. (Cancelled)